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Locally Toleranced Surface Simplification

A Guézic - IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS, 1999 - doi.ieeeecs.org

... Clarkson [26] studies convex polyhedra ... without folding on a plane, while the Subdivision approach of ... bf v5. The link is a polygonal curve made by linking up the ...

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Heuristics for ray tracing using space subdivision

JD MacDonald, KS Booth - The Visual Computer, 1990 - Springer

... bly concave set of leaves by a convex volume. ... the spatial me-dian, resulting in a uniform space subdivision. ... and RSA(b), respectively, and the surface area of ...

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Accelerated ray-object intersection

J Mailiot - US Patent App. 10/748,235, 2003 - Google Patents

... A tessellation is a general subdivision of a spatial ... tessellated or tetrahedrized 144, with the tessellation or tetrahedrization ... [0041] The tight inner surface ...

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[PDF] ► Robust Surface Reconstruction Strategy for Large Clouds of Points

A Jemőljanov - www.kiv.zcu.cz

... the given sample points are part of the subdivision. ... points is a decomposition of the convex hull of P ... whose dual Voronoi element intersects the surface of the ...

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[CITATION] Touching Multiresolution Curves11

DKPLM Reissell - Proceedings of the ASME Dynamic Systems and Control Division, 1994 - American Society of Mechanical Engineers

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Tessellated Surface Reconstruction from 2D Contours

CF Chan, CK Kwok, MY Teo, WS Ng - LECTURE NOTES IN COMPUTER SCIENCE, 1999 - Springer

... One of the different linking techniques available is ... on the assumption that their convex hulls are ... shows the new approach of contour tessellation, this method ...

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CAGD based 3-D vision

B Bhanu, T Henderson - Robotics and Automation. Proceedings. 1985 IEEE ..., 1985 - ieeeexplore.ieee.org

... as well as pointers linking topologically connected ... Subdivision, effected by the Oslo algorithm, supports ... diminishing property, the convex hull property and ...

Cited by 11 - Related articles - Web Search

Structural and Functional Analyses of Human Cerebral Cortex Using a Surface-Based Atlas -

[trial] ► neuroscience.org

DC Van Essen, HA Drury - Journal of Neuroscience, 1997 - Soc Neuroscience

... By linking the Visible Man cerebrum to the Talairach ... is slightly positive, reflecting

[the overall convex shape of ... cortical sheet \(2% of total surface area\) has ...](#)

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[... to higher order meshes such as: subdivision surfaces, spline surfaces ... a point p i on the convex hull of P ... to produce the piecewise-linear surface approximation. ...](#)

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[Multiresolution offsetting and loose convex hull clipping for 2.5 D NC machining](#)

J Pang, R Narayanaswami - Computer-Aided Design, 2004 - Elsevier

[... 9. Convex hull and subdivision. ... 5. Tool path linking ... clipping, many intersection points are generated between wavelet curves and the loose convex hull curves. ...](#)

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